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PLAN FOR THE UNIFORM MAPPING OF EARTH RESOURCES AND
ENVIRONMENTAL COMPLEXES FROM SKYLAB IMAGERY

EREI INVESTIGATION #510

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Period Covered: May 1, 1975 to May 31, 1975

Contract Number: NAS 9-13286

Principal Investigator:
Charles E. Poulton
Earth Satellite Corporation

EarthSat Number: G-089

Technical Monitor: Mr. Clayton Forbes
Lyndon B. Johnson Space Center

Monthly Plans and Progress Report

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OVERALL STATUS

The formal photo interpretation tests have been completed using ten students from a remote sensing course at the University of California. The results will provide a quantitative measure of the interpretability of Skylab data for identifying natural vegetation and agricultural complexes based on the legend system being devised for this project.

Preliminary scoring and statistical analysis indicates that the tests were successful in highlighting certain important factors in spectral, spatial, and temporal matters regarding remote sensing data acquisition and interpretation.

Experimental mapping included comparative tests of stereo and monocular interpretation of all image types.

Final report preparation has been progressing toward a mid-June delivery of a draft document. A paper has been completed for presentation at the Skylab conference in Houston.

PLANS FOR NEXT REPORTING PERIOD

The remaining time will be spent in final report preparation and compiling illustrative materials.

TRAVEL PLANS

A trip is planned to Houston to present a paper at the Skylab conference.

PERSONNEL

No change.

PROBLEMS

None.